Index of Claims

Appli	cation	/Contro	l No
-------	--------	---------	------

09/858,172

Examiner

Traci L. Smith

Applicant(s)/Patent under Reexamination

UTSUMI, YOSHIMASA

Art Unit

3629

Rejected Allowed

(Through numeral)
Cancelled ÷ Restricted

Non-Elected Ν ı Interference

Appeal Α lo Objected

Claim Date Tell 1			Ц	<u> </u>				J			<u> </u>	_							J	L
The state of the	Cla	im	Γ				Date) [Cla	aim				_	Date	— е
1 1 1 5 6 7 7 7 7			l.,			<u>`</u>		Ť	Π	T	Π									Ť
1 1 1 5 6 7 7 7 7	ā	ina	١ĕ										ē	ina						ı
1 1 1 1 5 6 7 7 7 7	ᇤ	rig	12			ĺ		ļ					ίĒ	rig						
2 1 3 52 53 54 55 56 55 56 57 8 55 56 57 8 58 59 59 59 60 60 61 61 62 62 63 63 63 63 63 63 63 63 64 64 64 65 66 66 67 71 71 71 72 72 72 72 72 73 74 72 73 74 74 74 72 73 74 74 72 73 73 74 75 75 75 75 75 75 75 75 </td <td></td> <td>0</td> <td>/۲</td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>l</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>		0	/۲											l						
3 4 53 54 55 55 55 56 57 58 59 50 57 58 59 60 61 61 61 61 61 61 61 61 62 63 63 64 63 64 65 65 66 66 67 68 69 69 70 70 71 72 72 73 73 73 74 74 74 74 74 74 74 74 74 74			V											51						
4 5 5 55 55 56 7 56 57 58 59 50 57 58 59 59 60 60 70 70 70 71 71 72 72 72 72 72 72 73 73 74 74 74 74 74 74			П			_	L							52	Ш	L			L	L
5 6 6 6 7 55 56 57 58 59 59 59 60 60 61 61 62 63 63 63 63 63 63 63 63 63 63 63 64 64 64 65 66 66 67 71 71 71 71 72 72 72 72 72 72 72 72 72 72 73 74 74 74 74 74 74 74 74 74 77 72 78 79 30 80 81 81 83 83 83 83 83 83 83 83 84 84 85 86 86 86 86 87 73 88 89 90 </td <td></td> <td>3_</td> <td>П</td> <td></td> <td></td> <td><u> </u></td> <td></td> <td>_</td> <td><u> </u></td> <td>$ldsymbol{ldsymbol{ldsymbol{eta}}}$</td> <td>$ldsymbol{ld}}}}}}$</td> <td></td> <td></td> <td>53</td> <td></td> <td></td> <td>_</td> <td><u> </u></td> <td>_</td> <td>L</td>		3_	П			<u> </u>		_	<u> </u>	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	$ldsymbol{ld}}}}}}$			53			_	<u> </u>	_	L
6 7 8 556 57 8 9 10 60 60 60 61 62 63 63 63 64 62 63 64 65 66 66 67 66 66 67 66 66 67 70 70 70 71 72 72 72 72 72 73 74 74 72 73 74 74 72 77 77 78 79 30 80 81 80 81 82 33 83 84 84 84 84 84 85 86 87 88 89 90	\vdash		Ц			_								54		_		<u> </u>	_	Ļ
7 8 57 58 9 60 60 111 660 61 12 62 63 13 64 62 15 65 66 16 66 67 18 68 69 19 68 69 20 70 71 21 71 72 23 73 74 25 75 75 26 76 77 28 79 80 31 81 81 32 83 83 33 84 84 35 86 86 37 88 89 40 90 90 41 91 91 42 92 93 43 94 94 44 94 94 45 96 96			Н	Ш	_	<u> </u>		_	_	_	_			55		_		_	_	L
8 9 58 59 10 60 61 11 62 63 13 63 64 15 66 65 16 66 66 17 67 68 19 69 70 21 71 72 23 73 74 25 76 77 28 78 79 30 80 81 31 81 82 33 84 84 35 86 86 37 88 89 90 90 91 44 91 92 43 44 94 44 94 94 45 96 96			#	L	_	_		<u> </u>	_	-				56		<u> </u>	┝	_	_	╀
9			╙	-	-			_	1		<u> </u>			5/	_		_	⊢	⊢	╀
10			╫		-	 		\vdash	1		H			50	_	<u> </u>	⊢		<u> </u>	╀
11 12 61 62 63 13 64 64 65 65 66 67 68 69 67 68 69 70 71 72 73 72 73 74 72 73 74 75 76 77 78 79 30 31 32 79 30 81 83 83 83 83 83 84 85 86 87 88 89 90 90 90 91 91 92 93 94 94 94 94 94 95 96 97 <t< td=""><td></td><td>10</td><td>#</td><td>7</td><td>-</td><td></td><td></td><td></td><td>-</td><td></td><td>\vdash</td><td></td><td></td><td>60</td><td></td><td>┝</td><td>-</td><td>├─</td><td>-</td><td>╁</td></t<>		10	#	7	-				-		\vdash			60		┝	-	├─	-	╁
12 V 13 62 14 63 15 66 16 66 17 67 18 68 19 69 20 70 21 71 22 72 23 74 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 88 39 89 40 90 41 91 42 92 43 94 44 94 45 96 46 96	\vdash		1	 			-	·	\vdash	-						-	 	┝	\vdash	╁
13 63 14 65 15 66 17 67 18 68 19 69 20 70 21 71 22 72 23 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 83 33 84 35 85 36 86 37 88 39 89 40 90 41 92 43 94 44 94 45 95 46 96	<u> </u>	12	₩	┝	-	-	\vdash	\vdash						62	_	\vdash	\vdash	-	-	H
14 64 15 66 16 67 18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 76 27 77 28 78 29 79 30 80 31 81 32 82 33 84 35 85 36 86 37 87 38 88 39 90 41 92 43 94 44 94 45 96 46 96	\vdash		-	-	-	\vdash	H	\vdash						63		┢	-	-	┢	t
15 65 16 66 17 68 18 69 20 70 21 71 22 72 23 74 25 75 26 76 27 77 28 79 30 80 31 82 33 81 32 82 33 83 34 84 35 85 36 86 37 87 38 89 40 90 41 91 42 92 43 93 44 94 45 96 46 96	\vdash		┢	╁		-	\vdash	H	\vdash								┢	 	\vdash	t
16 17 18 66 19 68 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 40 41 91 42 92 43 94 44 94 45 96 46 96	\vdash	15	 		-	\vdash								65		_		Г	┢	t
17 18 67 68 19 69 70 71 20 71 72 72 23 73 74 74 25 75 76 77 26 76 77 78 29 79 30 80 31 81 81 82 33 83 83 83 34 84 84 84 35 85 86 86 37 87 88 89 40 90 90 90 41 91 92 93 43 94 94 94 45 96 96 96 47 97 97 97		16			-	Н	H							66						T
18 68 19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97		17												67						T
19 69 20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96		18	Г					Г					,	68						T
20 70 21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97			<u> </u>											69						T
21 71 22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97		20											_	70						Г
22 72 23 73 24 74 25 75 26 76 27 77 28 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97		21												71			·			Γ
24 74 25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 94 44 94 45 95 46 96 47 97		22				Ŀ								72						L
25 75 26 76 27 77 28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		23												73						L
27 28 77 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		24	<u> </u>			_	<u>L</u>							74					_	L
27 28 77 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		25				<u> </u>	L	匚	<u> </u>	<u> </u>	_			75		L			<u> </u>	L
28 78 29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		26				<u> </u>	_	<u> </u>	<u> </u>		<u> </u>					ļ		<u> </u>	<u> </u>	L
29 79 30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97			<u> </u>	<u> </u>	_	<u> </u>	<u> </u>	ļ.,		_	<u> </u>			77	_	<u> </u>	<u> </u>		<u> </u>	╀
30 80 31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		28	_	_	_	<u> </u>	┡	_	-		_			78		<u> </u>		· ·	<u> </u>	╀
31 81 32 82 33 83 34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		29	├	_		├	_	├-	-	-	-			79		<u> </u>	<u> </u>	⊢	⊢	╀
32 82 33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	<u> </u>		 	H	_	┝	H	 	├		\vdash				H	_	_	⊢	⊢	╀
33 83 34 84 35 85 36 86 37 87 38 87 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	\vdash	31		H	_	┝	-	⊢	-	_	-			82	H	_	-	 	┢	╁
34 84 35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	\vdash	32	┢		-		-	\vdash	\vdash	H	-			83		<u> </u>	 	┝	 	╁
35 85 36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	\vdash	34	\vdash	\vdash	\vdash	 	\vdash	\vdash	\vdash	\vdash	1			84	H	H	\vdash	-	\vdash	t
36 86 37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	\vdash	35	\vdash			 	\vdash	 	\vdash	\vdash				85	Н	<u> </u>	<u> </u>	一	\vdash	t
37 87 38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97	\vdash		H	Г		\vdash	H	\vdash	Н	†				86		_	\vdash	\vdash	\vdash	T
38 88 39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97		37	T					Г			П			87	П	_				T
39 89 40 90 41 91 42 92 43 93 44 94 45 95 46 96 47 97			Γ			T								88						Γ
40		39												89						Γ
41 91 42 92 43 93 44 94 45 95 46 96 47 97		40												90						
43		41	匚						匚		\Box									L
44 94 45 95 46 96 47 97								<u> </u>										<u> </u>		L
45 95 96 96 97 97 97 97	\Box		<u> </u>	Ш		_		L	L		Ш					_	<u> </u>	<u> </u>		L
46 96 97 97 97 97 97 97 97 97 97 97 97 97 97	\vdash		<u> </u>			_	_	<u> </u>	<u> </u>	<u> </u>	Ш			94		L		<u> </u>	_	L
47 97 97	\vdash		<u> </u>	<u> </u>	$oxed{oxed}$	_	<u> </u>	_	_						\square	ļ	<u> </u>	<u> </u>	<u> </u>	1
	\vdash	46	<u> </u>			L	<u> </u>	<u> </u>	—	_					\vdash		<u> </u>	\vdash	-	╀
1 40	-		<u> </u>	\vdash	\vdash	<u> </u>	\vdash	\vdash		<u> </u>					-	_	<u> </u>	\vdash	-	\vdash
			\vdash		\vdash	<u> </u>	├	⊢	\vdash	├-					\vdash	ļ	<u> </u>	├-	-	\vdash
49 99 100 100	\vdash		├	\vdash	\vdash	-	\vdash	├-	-	Н—	-				\vdash	<u> </u>	\vdash	 	-	\vdash
		JU	Ц	L	L	L	<u> </u>		L	Ь	Щ.			100	ш	L	Щ	Ь_	L	

		Ь.	_		_		~			_
Final	Original									
_	51	\vdash	_				П			
_	51 52	\vdash	\vdash	\vdash	_	\vdash	\vdash			-
<u> </u>	53	_	-	Н		-	-			
	54	_	-	H	_	-	\vdash	\vdash	\vdash	\vdash
<u> </u>	53 54 55	_	\vdash		\vdash		Н	_		_
	56	H		\vdash			Н			
-	56 57	-	┝	\vdash	-	_	-	-	-	-
\vdash	58	-		-	_	_	\vdash	_	_	-
\vdash	50	-	┝	⊢		-			-	
-	59 60		┝	\vdash	-	-		-	-	-
\vdash	61		-	 	-	_	-	_	-	
	62	-	\vdash	\vdash	-		-		-	\vdash
-	62 63	-	\vdash	-	-				-	\vdash
	64	⊢	├	-	-		-	\vdash	<u> </u>	
	64 65	-	\vdash	-	\vdash	<u> </u>	<u> </u>	H	\vdash	
-	66	-		\vdash	H		⊢	H	<u> </u>	\vdash
-	66 67	-	_	\vdash	H	-	⊢		<u> </u>	⊢
<u> </u>	68	-	-	-		-	-		_	┝
<u> </u>	60			-		_	_	_	_	<u> </u>
	69	_		-	_		H	_	_	⊢
-	70 71		<u> </u>	-			-	_		⊢
-	170	 	_	<u> </u>			<u> </u>			-
-	72	-		<u> </u>	_	_		_		<u> </u>
	/3			-	_	_				<u> </u>
<u> </u>	72 73 74 75 76 77		<u> </u>				<u> </u>	_	_	<u> </u>
\vdash	75		<u> </u>	_	_		<u> </u>	_	_	<u> </u>
	76			_		_	<u> </u>	_		<u> </u>
	77		<u> </u>	<u> </u>		<u> </u>	_			
	78 79			ļ	• •		<u> </u>	_	_	<u> </u>
<u> </u>	79	_	<u> </u>	<u> </u>			\vdash	<u> </u>	_	<u> </u>
	80		_				<u> </u>	_		<u> </u>
	81 82		<u> </u>	ļ				-		<u> </u>
<u> </u>	82			_	_		_	_		<u> </u>
	83		_	_		_		_		<u> </u>
	83 84 85	_			<u> </u>	_	<u> </u>		_	<u> </u>
<u> </u>	85		<u> </u>	\vdash	\vdash	<u> </u>	-	<u> </u>	<u> </u>	ļ
	86	_	_		ш		L		_	_
<u> </u>	87	<u> </u>	\vdash	<u> </u>	 		\vdash	<u> </u>	<u> </u>	_
<u></u>	88	<u> </u>	<u> </u>	\vdash		Ь.	\vdash	<u> </u>	<u> </u>	_
	89		_				_		_	<u> </u>
	90	-	<u> </u>	_			_		<u> </u>	-
	91	\vdash	<u> </u>	<u> </u>	\vdash	-	<u> </u>	-	<u> </u>	-
<u></u>	92	<u> </u>	<u> </u>	\vdash	\vdash	<u> </u>	<u> </u>	<u> </u>		_
	93	_	<u> </u>	<u> </u>	<u> </u>	<u> </u>	 	H	<u> </u>	<u> </u>
<u> </u>	94		<u> </u>	<u> </u>	Ш	<u> </u>	<u> </u>	-	_	_
	95	<u> </u>	ļ	_	Ш	_	<u> </u>	L_	ļ	_
<u> </u>	96	_	_	<u> </u>	Щ	_	—	<u> </u>	<u> </u>	<u> </u>
-	97		\vdash	<u> </u>	\vdash	<u> </u>	<u> </u>	H	<u> </u>	<u> </u>
<u> </u>	98	\vdash	ļ	<u> </u>		<u> </u>	_	<u> </u>	 	<u> </u>
-	99	\vdash	Ļ	L	L	<u> </u>	<u> </u>	L	L	⊢
1	100	1					ı			

Cli	aim	Date								
Final	Original									
	101									
	102									
	103									
	104									Ш
	104 105	L	_							
	106				Ш		oxdot		_	
	107	_	<u> </u>	<u> </u>	Ш		lacksquare	_		
	108									Ш
<u> </u>	109	_	<u> </u>	┞	\vdash			L	_	Ш
	110 111	\vdash	┝	⊢		_	H	H	-	Н
-	112	_	-	-			-			
\vdash	113	\vdash	\vdash	\vdash	\vdash	_	\vdash	H	\vdash	$\vdash\vdash$
├──	114	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	\vdash	$\vdash \vdash$
	115	\vdash	\vdash	\vdash	\vdash	-	_	\vdash		\vdash
\vdash	115 116	 	-	 	 	 	\vdash		-	H
	117	\vdash	\vdash	\vdash	\vdash	\vdash		\vdash	\vdash	Н
	118	_		_	\vdash	\vdash	Т	Т	<u> </u>	$\vdash \vdash$
	118 119	-		-	-	-		_		Н
	120	\vdash	 		Н	Т	_	_		Н
	121		<u> </u>							
	121 122									П
	123									
	123 124 125									
	125									
	126 127	<u> </u>	_	_		_		匚		Ш
<u> </u>	127		L	_		_		L	<u> </u>	Ш
<u> </u>	128	<u> </u>	_	_		_		_	┡	Ш
<u> </u>	129	<u> </u>	<u> </u>	ऻ		_			├-	Н
	130	_	┡	<u> </u>		_			L	Н
	131	<u> </u>	<u> </u>	<u> </u>	 	<u> </u>	<u> </u>	H	\vdash	Н
\vdash	132 133	\vdash	-	-	\vdash	<u> </u>	⊢	H	\vdash	Н
	133	_	<u> </u>	 	 		\vdash	\vdash	-	\vdash
	134 135		\vdash	-	\vdash	_	\vdash	-	├─	$\vdash\vdash$
<u> </u>	136	-	-	-		\vdash	\vdash	-	-	$\vdash \vdash$
\vdash	137	\vdash	\vdash	-	-		-	-	\vdash	Н
<u> </u>	137 138	一	\vdash	\vdash	H	-	\vdash	Н	\vdash	Н
	139	\vdash	\vdash		Н	\vdash		H		
	140		T	t			Г	Г		
	141	\vdash	Г		Г	Г	Г	Г		М
	142		Π	П						
	143					Γ.				
	144									
	145							\Box		\Box
	146									\square
	147	$ar{ar{ar{ar{ar{ar{ar{ar{ar{ar{$	$oxedsymbol{oxedsymbol{oxed}}$	匚		L	$oxedsymbol{oxed}$	L	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ш
	148	\Box				_	<u> </u>	<u>_</u>	Щ	Ш
<u> </u>	149	L	<u> </u>		<u> </u>	L_	 	L	<u> </u>	Ш
L	150	L_	L			L	<u>L</u>	L	<u> </u>	Ш